

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of the Claims:

Claim 1 (Currently Amended): A system for remodeling a mitral valve annulus, comprising:

a delivery catheter;

an implant, detachably carried by the delivery catheter, the implant reversibly movable between a first, flexible configuration for delivery to a site adjacent the annulus of the mitral valve and a second, rigid configuration for remodeling the mitral valve annulus, the implant including a guidewire lumen adapted to slideably engage a guidewire; and

a control on the catheter for reversibly transforming the implant between the first flexible configuration and the second remodeling configuration.

Claim 2 (Previously Presented): A system as in claim 1, wherein the implant comprises an arc when in the remodeling configuration.

Claim 3 (Previously Presented): A system as in claim 2, wherein a best fit constant radius curve corresponding to the arc has a radius within the range of from about 10 mm to about 20 mm.

Claim 4 (Canceled)

Claim 5 (Canceled)

Claim 6 (Previously Presented): A system as in claim 1, further comprising a coating on the implant.

Claim 7 (Canceled)

Claim 8 (Canceled).

Claim 9 (Canceled)

Claim 10 (Canceled)

Claim 11 (Canceled)

Claim 12 (New): A system as in claim 1, further comprising a flexible member attached to a distal end portion of the implant.

Claim 13 (New): A system as in claim 12, further comprising a rotational coupler along a proximal end portion of the implant for applying tension to the flexible member to move the implant to the second, rigid configuration.

Claim 14 (New): A system as in claim 13, wherein the control on the cathether is a thumbwheel for actuating the rotational coupler.